ABSTRACT

A method for rectangular-shape motion search has been disclosed. One embodiment of the method includes performing motion measurement on a plurality of motion search points, the plurality of motion search points forming a rectangular search region, finding a minimal motion search point among the plurality of motion search points substantially based on result of the motion measurement, and finding a motion vector corresponding to the relative movement of the pixel block from the first video frame to the second video frame if the minimal motion search point is within an inner region of the rectangular search region.

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